

Semi Flexible Cable

RFSF-141T-50-CW	RFCM Code no		Date of issue		
	EX-1-0004		2002-12-17		
	Issues by	Approved by	Rev. no	Revised by	Revised date
	A K S	O J J	5	L Y G	2012-08-22



- ★ Specification ----- meet to MIL-C-17
- ★ Continuous working voltage -----Max. 2500Vrms
- ★ Operating temperature range ----- -40°C ~ 125°C

Construction				MBR
Item	Material	Diameter	Remark	Static
Center conductor	SPCW	0.94mm	Solid	7.1
Dielectric	PTFE	2.95mm	Solid	Dynamic
Braid	TC	3.54mm	100% Coverage	30

TC : Tin Soaked on tin plated Copper Braid / SPCW : Silver plated Copper steel Wire

Electrical Data at +20°C (nom. Data)

Electrical Data			
Item	Specification		Remark
Operating frequency	Max. 18GHz		
Dielectric Resistance	>1,000 MOHMS x Km		
Capacitance	95 pF/M		
Time delay	4.8ns/m		
Impedance	50 ± 2 OHMS		
Test voltage	5000Vrms		
Velocity of propagation	NOM. 69.5 %		
Weight	41 Kg/Km		
Attenuation(dB/M at 20°C) & Power(Watts at 40°C)	0.25	at 400MHz	686
	0.41	at 1GHz	419
	0.60	at 2GHz	291
	0.73	at 3GHz	225
	1.02	at 5GHz	182
	1.52	at 10GHz	122
	2.15	at 18GHz	83

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